

CERTIFICATE OF FIRE APPROVAL

This is to certify that

The product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	Draeger Safety UK Limited
Address	Ullswater Close Kitty Brewster Industrial Estate Blyth Northumberland, NE24 4RG United Kingdom (UK)
Type	SELF CONTAINED BREATHING APPARATUS FOR EMERGENCY ESCAPE PURPOSES
Description	Emergency Escape Breathing Apparatus - Type: "Dräger Saver CF(10) and CF(15)"
Specified Standard	European Standards EN 1146; 1997 MSC/Circ 849



The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

Date of issue 6 December 2005 Expiry date 5 December 2010

Certificate No. SAS F050405

Signed

Sheet No 1 of 3

Name B. McDonald
Surveyor to Lloyd's Register EMEA
A Member of the Lloyd's Register Group

Note:

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register of any modification or changes to the equipment in order to obtain a valid Certificate.

"Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract."

DESIGN APPRAISAL DOCUMENT

Date 6 December 2005	Quote this reference on all future communications LPA/FSS/SPS/FITA/PG
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F050405

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

DMT- Gesellschaft fur Forschungs Und Materialprüfungsanstalt-Baden-Wurttemberg, Essen, Germany, Fire Test Report No. 4221/00 dated 2 August 2000.

Institute of Occupational Medicine, 8 Roxburgh Place Edinburgh, Test report No. AP/130/379 (a) and AP/130/379(b), dated 26 November 1999.

INSPEC, Manchester, United Kingdom, Test report No. 01.02..20 dated 23 February 2001, 01.02.08 dated 12 February 2000.

Bauqualitat TUV Nord GmbH, Brandversuchshaus, Hamburg, Germany, Test Report No. 1811DG00590 dated 29 December 1999.

Manufacturers drawing No. 33054581; dated March 2005, 3354580 dated 1 March 2005-10-18

Product list KK121 9008, dated 27 July 2005.

Dräger Technical file section 6.1, dated 27 July 2005.

CONDITIONS OF CERTIFICATION

1. Set to be assembled as per manufacturers drawings, 33054581 and 3354580, using product list KK121 9008, dated 27 July 2005.
2. Air cylinders to be in accordance with a national standard.
3. Dräger CF(15) exceeds 5kg. This is considered to be unsuitable (as defined in EN 1146) to be carried by the wearer for a complete shift.
4. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that the items are of the same standard as the approved prototype.

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PLACE OF PRODUCTION

Draeger Safety UK Limited
Ullswater Close
Kitty Brewster Industrial Estate,
Blyth
Northumberland, NE 24 4RG
United Kingdom

Bruce McDonald


Bruce McDonald
Senior Surveyor
Safety & Pollution Services
London Plan Approval
Lloyd's Register EMEA

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said-prototype(s).